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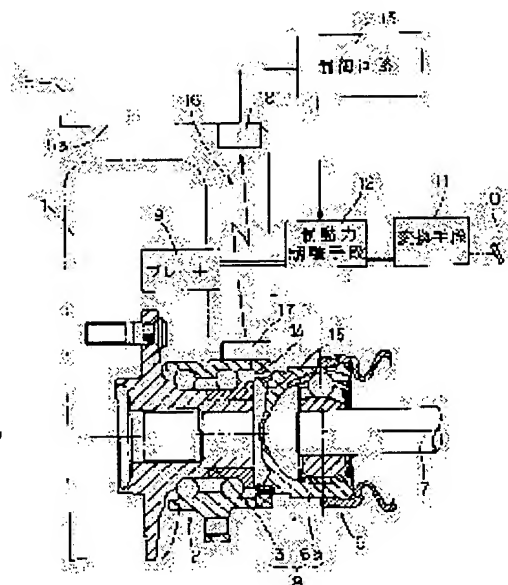
## (54) ANTILOCK BRAKING SYSTEM

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide an antilock braking system that involves no fear of disconnection on the automobile exterior and promotes a reduction in the weight and cost of the automobile.

**SOLUTION:** A vehicle body 5 has a control circuit 13 for controlling the braking force of a brake 9 on the basis of detection signals showing wheel rotating speed. A rotary member 8 for a wheel 1 is mounted with a pulser ring 15, in opposition to which a sensor 14 for speed detection is mounted on a wheel support member 4. The output of the sensor 14 is transmitted by means of wireless transmitting means 16 that consist of a transmitting section 17 arranged on the wheel support member 4 and a receiving section 18 disposed on the vehicle body 5.

The wireless transmitting means 16 may employ transmission by magnetic coupling, light such as infrared rays, or ultrasonic waves other than radio waves.



1:車輪 2:車軸 3:ハブ 4:車輪支持部 5:車体 6:車輪回転軸 7:ブレーキ 8:車輪支持部 9:ブレーキ 10:車輪支持部 11:車輪支持部 12:車輪支持部 13:制御部 14:センサ 15:パルスリング 16:無線送信手段 17:送信部 18:受信部

## LEGAL STATUS

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